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Guide to the Hamilton O. Smith Papers MS 002

Finding aid prepared by Chrystal Carpenter
J. Craig Venter Institute Archives
4120 Capricorn Lane
La Jolla, California, 90237
November 2013

Title: Hamilton O. Smith papers

Identifier/Call Number: MS 002

Contributing Institution: J. Craig Venter Institute Archives

Language of Material: English

Physical Description: 17.5 Linear feet(40 manuscript boxes)

Date (bulk): Bulk, 1965-2005

Date (inclusive): 1950-2012

Abstract: Scientific papers of Hamilton O. Smith, microbiologist and Nobel laureate for his discovery of TypeII restriction enzymes and the sequence of its cleavage sites. He is the co-recipient of the 1978 Nobel Prize in Physiology or Medicine with Werner Arber and Daniel Nathans for the discovery of “restriction enzymes and their application to problems of molecular genetics”. The papers document Smith’s professional career from his appointment at the University of Michigan and Johns Hopkins University to his most recent position as Scientific Director of Synthetic Biology and Bioenergy at the J. Craig Venter Institute. Materials include correspondence, laboratory and research notes, committee appointments, scientific subject files, photographs, and writings by Smith.

creator: Smith, Hamilton O.

Access

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Processing history

Processed by Chrystal Carpenter, 2013

Preferred Citation note

Hamilton O. Smith papers (MS 002), J. Craig Venter Institute.

Bibliography

Hamilton Othanel Smith was born in New York City on August 23, 1931 to parents Bunnie Othanel Smith and Tommie Naomi Harkey. By 1937 he and his family relocated to Champaign-Urbana Illinois where his father joined the faculty of the Department of Education at the University of Illinois. He graduated from the University Laboratory High School in Urbana (Uni-High) in 1948 where he matriculated at the University of Illinois and transferred to University of California, Berkeley in 1950. In 1952 he received an A.B degree in mathematics from UC Berkeley. He went on to obtain his M.D. degree from Johns Hopkins University in 1956. Later that year he married Elizabeth Anne Bolton, they went on to have four sons and one daughter.

In 1957 he was called up for the Doctor’s Draft and he spent two years with the Navy in San Diego, California. He left military service in 1959 and moved to Michigan where he continued his clinical work in medicine. In 1962 he joined the Department of Human Genetics at the University of Michigan in Ann Arbor where he carried out research on Salmonella phage P22 lysogeny. In 1967 he took a position as Assistant Professor of Microbiology at Johns Hopkins University. At Hopkins his research work included the study of restriction and modification enzymes, enzymology of genetic recombination, mechanism of bacterial transformation, and genetic regulation in prokaryotes and eukaryotes. In 1968 he discovered the first TypeII restriction enzyme and showed that this enzyme cuts DNA in the middle of a specific symmetrical sequence.

In 1975-1976, as a Guggenheim Fellow he collaborated with Max Brinstiel at the University Zurich in Switzerland on histone gene arrangement and sequence. In 1978 he, along with Werner Arber and Daniel Nathans were awarded the Nobel Prize in Physiology or Medicine. He continued his successful career at Hopkins which lasted three decades, 1967-1998. During that time he studied Haemophilus Influenzae including DNA methylases and nucleases in H. influenza Rd and discovered this organism’s sequence-specific DNA uptake during genetic transformation. In 1994 he started his collaboration with J. Craig Venter at the Institute of Genomic Research (TIGR) to sequence H. influenzae by whole genome shotgun sequencing and assembly. In 1998 he retired from Johns Hopkins to join Venter at Celera Genomics Corporation where he participated in the sequencing of the Drosophila and human genomes. In 2002, he left Celera and joined the newly created J. Craig Venter Institute (JCVI). Smith is the Scientific Director of Synthetic Biology and Bioenergy at JCVI and has participated in the development of a synthetic version of the bacteriophage, PhiX 174 and the first self-replicating synthetic bacterial cell

Mycoplasma mycoides JCVI-syn1.0.

This collection is organized into 10 series:

1. Biographical files, 1979-1995
2. Correspondence, 1962-1997 (Bulk, 1980-1997)
3. Laboratory and Research Notes, 1962-1982
4. Conference and Committees, 1980-2007 (Bulk, 1985-1993)
5. Subject Files, 1962-1998
6. Johns Hopkins University Files, 1964-1997
7. The Institute for Genomic Research / J. Craig Venter Institute Files, 1980-2010
8. Papers and Other Works, 1967-1997
9. Photographs, 1964-1995
10. Writings By Others, 1952-1995

Scope and Contents note

This archival collection documents the scientific career of noted microbiologist and Nobel Prize winner Hamilton O. Smith from 1962 to the present. The bulk his papers represent his scientific activities from his positions at the University of Michigan Ann Arbor and his three decade long career at Johns Hopkins University (JHU). The papers also contain his early collaborations with J. Craig Venter from the Institute for Genomic Research (TIGR) and his leadership role at the J. Craig Venter Institute (JCVI) from 2002 to the present. The papers largely include correspondence, laboratory and research notes, committee appointments, grant awards and research, publications and work conducted by his postdoctoral students while at JHU, as well as drafts and publications written or coauthored by him. Some materials of note include his work on restriction enzymes and research which led to his 1978 Nobel Prize while at Hopkins. As well as his more recent work with TIGR and JCVI including genome sequencing documentation (including his DNA libraries), the Haemophilus influenzae patent, and correspondence relating to Mycoplasma mycoides JCVI-syn1.0.

The collection is organized by topic and/or material type. The original naming conventions for the folders have been kept when ever possible. The Biographical files include curricula vitae, bibliographies, and information about Smith; the Correspondence includes incoming and outgoing correspondence from various individuals in the scientific community as well as from fans of his work, often correspondents included reprints of their work which can also be found within the correspondence series; Laboratory and research notes include research files, data, photographs, and illustrations on various scientific endeavors; Conference and Committee files include conference presentations and committee appointments; Subject files include documentation on specific scientific subjects as well as grants submitted while at JHU, materials relating to the Nobel Prize, and patent consulting; Johns Hopkins University files include budgets, committee work, postdoctoral students information and reprints, and teaching files; the Institute for Genomic Research and J. Craig Venter Institute TIGR/JCVI files include research, DNA libraries, grant applications, and sequencing projects related to his collaborations and work with TIGR/JCVI; Papers and other works include article drafts, typescripts, and reprints authored and coauthored by Smith; Photographs include images of Smith, the Nobel Prize, and research slides; Writings by others primarily includes reprints and typescript drafts collected or given to Smith by various scientists and postdoctoral students from Johns Hopkins. See scope and content note under each series listing for detailed information regarding organization.

Subjects and Indexing Terms

Institute for Genomic Research.

J. Craig Venter Institute.

Johns Hopkins University. School of Medicine.

Nathans, Daniel

Venter, J. Craig

Bacterial genomes

DNA -- Research -- History

Endonucleases

Genomics

Haemophilus influenzae

History of science and technology

Negatives (photographic)

Nobel Prize winners

Photographs
Restriction enzymes, DNA
Slides (photographs)
Synthetic biology

Series I: Biographical files, 1979-1995

Language of Material: English

Arrangement note

Series is organized alphabetically.

Box 1, Folder 1 **Articles, 1985, 1995**

Language of Material: English

Box 1, Folder 2 **Autograph cards, 1980, 1984**

Language of Material: English

Box 1, Folder 3 **Bibliography, 1989-1990**

Language of Material: English

Box 1, Folder 4 **Biographical sketches, 1979-1995**

Language of Material: English

Scope and Contents note

See also Box 23 Folder 13 for Smith factsheet which was generated to fulfill requests for information.

Box 1, Folder 5 **Calendars, 1990-1991**

Language of Material: English

Box 1, Folder 6 **Curriculum Vitae, 1980s-1990s**

Language of Material: English

Box 1, Folder 7 **Oral history interview typescript, March 16, 1984**

Language of Material: English

Box 1, Folder 8 **Who's who in America, 1979-1993**

Language of Material: English

Series II: Correspondence, Bulk, 1980-1997 1962-1997

Language of Material: English

Arrangement note

Series is arranged alphabetically according to correspondent by last name if individual and by first word if a corporate body. Majority of folders include numerous correspondents organized alphabetically. Folders which include only one individual are organized by date.

Box 1, Folder 9 **A - Miscellaneous, 1978-1997**

Language of Material: English

Box 1, Folder 10 **Arber, Werber, 1970, 1996**

Language of Material: English

Box 1, Folder 11 **B - Miscellaneous, 1991-1997**
Language of Material: English

Box 2, Folder 1 **Barany, Francis, 1980-1996**
Language of Material: English

Box 2, Folder 2 **Birnstiel, Max, 1992-1996**
Language of Material: English

Box 2, Folder 3 **Birthday cards from lab group, 1990s**
Language of Material: English

Box 2, Folder 4 **C - Miscellaneous, 1972-1997**
Language of Material: English

Box 2, Folder 5 **Clinton, Bill, September 13, 1996**
Language of Material: English

Box 2, Folder 6 **Collaborative Research, Inc., 1970**
Language of Material: English

Box 2, Folder 7 **Collins, Francis, 1995-1996**
Language of Material: English
Scope and Contents note
See also Box 32 Folder 3 for information relating to the E. Coli genome / Blattner group grant.

Box 2, Folder 8 **D - Miscellaneous, 1984-1987**
Language of Material: English

Box 2, Folder 9 **E - Miscellaneous, 1995-1997**
Language of Material: English

Box 2, Folder 10 **F - Miscellaneous, 1972-1997**
Language of Material: English

Box 2, Folder 11 **Fundacion BBV, 1993-1995**
Language of Material: English

Box 2, Folder 12 **G - Miscellaneous, 1992-1997**
Language of Material: English

Box 2, Folder 13 **General Motors Cancer Research Foundation, 1994-1996**
Language of Material: English

Box 3, Folder 1 **H - Miscellaneous, 1991-1997**
Language of Material: English

Box 3, Folder 2 **Hasteltine, William, 1996-1997**
Language of Material: English

Box 3, Folder 3 **I - Miscellaneous, 1994-1997**
Language of Material: English

Box 3, Folder 4	**J - Miscellaneous, 1992-1997** **Language of Material:** English
Box 3, Folder 5	**Johns Hopkins University, 1974-1997** **Language of Material:** English
Box 3, Folder 6	**K - Miscellaneous, 1993-1997** **Language of Material:** English **Scope and Contents note** Includes photograph of Dr. Smith in Korea.
Box 3, Folder 7	**L - Miscellaneous, 1968-1996** **Language of Material:** English
Box 3, Folder 8	**M - Miscellaneous, 1963-1997** **Language of Material:** English
Box 3, Folder 9	**N - Miscellaneous, 1990-1997** **Language of Material:** English
Box 3, Folder 10	**Nathans, Daniel, 1969, 2003** **Language of Material:** English
Box 4, Folder 1	**National Academy of Sciences, 1980-1997** **Language of Material:** English
Box 4, Folder 2	**Nucleic Acid Research reviews, 1996-1997** **Language of Material:** English
Box 4, Folder 3	**O - Miscellaneous, 1995-1997** **Language of Material:** English
Box 4, Folder 4	**P - Miscellaneous, 1991-1997** **Language of Material:** English
Box 4, Folder 5	**Proceedings of the National Academy of Sciences, 1996-1997** **Language of Material:** English
Box 4, Folder 6	**R - Miscellaneous, 1991-1997** **Language of Material:** English
Box 4, Folder 7	**Redfield, Rosie, 1991-1996** **Language of Material:** English
Box 4, Folder 8	**Requests for autographs (1), 1978-1983** **Language of Material:** English
Box 4, Folder 9	**Requests for autographs (2), 1984-1997, undated** **Language of Material:** English
Box 4, Folder 10	**Requests for information and articles, 1978-1993** **Language of Material:** English

Box 5, Folder 1 **S - Miscellaneous, 1962-1997**
Language of Material: English

Box 5, Folder 2 **Shipley Institute of Medicine, Harvard, 1991-1996**
Language of Material: English

Box 5, Folder 3 **Sabbatical - Vienna Institute of Molecular Pathology, 1989-1990**
Language of Material: English

Box 5, Folder 4 **T - Miscellaneous, 1991-1997**
Language of Material: English

Box 5, Folder 5 **The Institute for Genomic Research (TIGR), 1997**
Language of Material: English

Box 5, Folder 6 **U - Miscellaneous, 1992-1997**
Language of Material: English

Box 5, Folder 7 **University of Maryland, 1991-1996**
Language of Material: English

Box 5, Folder 8 **Unidentified, 1993, 1995**
Language of Material: English

Box 5, Folder 9 **UroCore, Inc., 1997**
Language of Material: English

Box 5, Folder 10 **V - Miscellaneous, 1996-1997**
Language of Material: English

Box 5, Folder 11 **Venter, J. Craig, 1994-1997**
Language of Material: English

Box 6, Folder 1 **W - Miscellaneous, 1978-1997**
Language of Material: English

Box 6, Folder 2 **Weinstock, George, 1993-1997**
Language of Material: English

Box 6, Folder 3 **Xiangyong, Wang 1995**
Language of Material: English

Box 6, Folder 4 **Y - Miscellaneous, 1993-1996**
Language of Material: English

Box 6, Folder 5 **Z - Miscellaneous, 1993-1996**
Language of Material: English

Series III: Laboratory and Research Notes, 1962-1982

Arrangement note

This series is organized chronologically and retains the original folder titles.

Box 6, Folder 6 **Procedures (1), 1962**
Language of Material: English

Box 6, Folder 7 **Procedures (2), 1962**
Language of Material: English

Box 6, Folder 8 **MAK Column P52 T40 (1), October - November 1962**
Language of Material: English

Box 6, Folder 9 **MAK Column P52 T40 (2), October - November 1962**
Language of Material: English

Box 6, Folder 10 **Act-D single strand T4 form, January - April 1963**
Language of Material: English

Box 7, Folder 1 **Injection experiment / prophage experiment labeling, February - May 1963**
Language of Material: English

Box 7, Folder 2 **Methodology in human genetics, September - November 1963**
Language of Material: English

Box 7, Folder 3 **BudR 0 experiments (1), June - July 1963**
Language of Material: English

Box 7, Folder 4 **BudR 0 experiments (2), July - August 1963**
Language of Material: English

Box 7, Folder 5 **Attempts to recover pro0 DNA (1), September 1963 - May 1964**
Language of Material: English

Box 7, Folder 6 **Attempts to recover Pro0 DNA (2), May 1964 - July 1964**
Language of Material: English

Box 8, Folder 1 **DNA synthesis in lysogeny with P22 (1), January - February 1964**
Language of Material: English

Box 8, Folder 2 **DNA synthesis in lysogeny with P22 (2), February 1964**
Language of Material: English

Box 8, Folder 3 **A-mutants (Zinder's v. type) (1), September - October 1964**
Language of Material: English

Box 8, Folder 4 **A-mutants (Zinder's v. type) (2), November - December 1964**
Language of Material: English

Box 8, Folder 5 **Stocks and medical, circa 1964-1967**
Language of Material: English

Box 8, Folder 6 **P22 DNAmers 1-2m NaCL grad's, January - February 1965**
Language of Material: English

Box 8, Folder 7 **DNA shearing 0C2 DNA, January 1965**
Language of Material: English

Box 8, Folder 8 **Conjugation transfer of phage, October - December 1965**
Language of Material: English

Box 8, Folder 9 **Segregation of infected C+ cells, November 1965 - January 1966**
Language of Material: English

Box 8, Folder 10 **Prophage recombinant types, November 1965 - December 1965**
Language of Material: English

Box 8, Folder 11 **Mixed lysogens, December 1965 - March 1966**
Language of Material: English

Box 9, Folder 1 **DNA - DNA hybrids, detection of exision of prophage (1), February 1966 - March 1967**
Language of Material: English

Box 9, Folder 2 **DNA - DNA hybrids, detection of exision of prophage (2), February 1966 - March 1967**
Language of Material: English

Box 9, Folder 3 **L - lysogens induction (1), April - October 1966**
Language of Material: English

Box 9, Folder 4 **L - lysogens induction (2), May 1966 - July 1967**
Language of Material: English

Box 9, Folder 5 **L - mutants, June 1965 - February 1966**
Language of Material: English

Box 9, Folder 6 **Hfr prophage mapping, February 1965 - April 1967**
Language of Material: English
Scope and Contents note
Includes draft typescript Gene order in prophage P22

Box 9, Folder 7 **Methods DNA-DNA hybrid formation, circa August 1966**
Language of Material: English

Box 10, Folder 1 **DNA-DNA hybridization, August - November 1966**
Language of Material: English

Box 10, Folder 2 **Hybridizations with L (uv) defective 0, October 1966 - February 1967**
Language of Material: English

Box 10, Folder 3 **Double lysogens, April 1967**
Language of Material: English

Box 10, Folder 4 **Chronology of enzyme restriction discovery, 1968-1969**
Language of Material: English

Box 10, Folder 5 **Integration of phage P22 at secondary sites in salmonella, September 1967 - February 1968**
Language of Material: English

Box 10, Folder 6 **Restriction enzyme (1), May 1968 - August 1968**
Language of Material: English

Box 10, Folder 7 **Restriction enzyme (2), August - October 1968**
Language of Material: English

Box 11, Folder 1 **Restriction enzyme (3), October 1968-February 1969**

Language of Material: English

Box 11, Folder 2 **Restriction enzyme (4), February-June 1969**

Language of Material: English

Box 11, Folder 3 **Isoelectric focusing, May-August 1969**

Language of Material: English

Box 11, Folder 4 **Isolation of phage P22 mutants - William Butler notebook, October - November 1969**

Language of Material: English

Box 11, Folder 5 **Procedures, circa 1970 - 1971**

Language of Material: English

Scope and Contents note

Includes procedures for: biogen - sharples, SP3 DNase, poly-prep, acrylamide gels, sucrose grad., strepomycin, lowry assay, millipore manifold, T7 DNA.

Box 11, Folder 6 **Procedures - DNA cellulose, circa 1970-1971**

Language of Material: English

Box 12, Folder 1 **Purification schemes ATP-DNASE, June - November 1970**

Language of Material: English

Box 12, Folder 2 **ATP-dependent DNASE studies and purification, August 1971-February 1972**

Language of Material: English

Box 12, Folder 3 **Endonuclease R purification physical structure, December 1971 - August 1972**

Language of Material: English

Box 12, Folder 4 **DNA preps, October 1972 - August 1973**

Language of Material: English

Scope and Contents note

Includes 32-protein, T7 DNA, ATP-dep, DNASE

Box 13, Folder 1 **ATP-DNase intermediates, May - June 1972**

Language of Material: English

Box 13, Folder 2 **H. Influenzae DNA methylases, November 1972 - March 1973**

Language of Material: English

Box 13, Folder 3 **ATP-DNase mechanisms, October 1973 - July 1974**

Language of Material: English

Box 13, Folder 4 **Electron microscopy of DNA enzyme complex with photographs, November 1974 - March 1975**

Language of Material: English

Box 13, Folder 5 **Electron microscopy glutaraldehyde-fixed enzyme with photographs, February - May 1975**

Language of Material: English

Box 13, Folder 6 **Decamer experiments, November - December 1976**

Language of Material: English

Box 13, Folder 7 **Lab transformation work, September - August 1982**

Language of Material: English

Series IV: Conferences and Committees, Bulk, 1985-1993 1980-2007

Language of Material: English

Arrangement note

Series is organized into two subseries. Subseries 1: Conferences and presentations is organized chronologically. Subseries 2: Committees and Appointments is organized alphabetically then chronologically.

Subseries 1: Conferences and Presentations, Bulk, 1993-1996 1980-2007

Language of Material: English

Box 14, Folder 1 **General, 1980, 1993**

Language of Material: English

Box 14, Folder 2 **11th European meeting on genetic transformation, August 1992**

Language of Material: English

Box 14, Folder 3 **Fundacion BBV workshop on international cooperation for the Human Genome Project: Legal Aspects - general, 1993**

Language of Material: English

Box 14, Folder 4 **Fundacion BBV workshop on international cooperation for the Human Genome Project: Legal Aspects - publications and documents, 1993**

Language of Material: English

Box 14, Folder 5 **Symposium on Human Genome, October 26, 1994**

Language of Material: English

Box 14, Folder 6 **Genome sequencing techniques seminar, August 17, 1995**

Language of Material: English

Box 14, Folder 7 **Meeting of Nobel laureates in Lindau Smith talk on the emerging new field of bacterial genomics, June 1996**

Language of Material: English

Box 14, Folder 8 **4th international E. Coli and small genomes meeting, September 1996**

Language of Material: English

Box 14, Folder 9 **Frontiers of Genomics Symposium, April 1997**

Language of Material: English

Box 14, Folder 10 **Biochemistry seminar series " Rapid sequencing of large genomes without conventional cloning and subcloning", October 1997**

Language of Material: English

Box 14, Folder 11 **Assembly of M. genitalium genome, Yeast cloning, and N.E.B. talk printouts with compact disc, 2005, 2007**

Language of Material: English

Subseries 2: Committees and Appointments, 1981- 1994

Language of Material: English

Box 14, Folder 12 **Life Sciences Research Foundation - correspondence, 1981-1982**
Language of Material: English

Box 15, Folder 1 **Life Sciences Research Foundation - Correspondence, 1983-1993**
Language of Material: English

Box 15, Folder 2 **Life Sciences Research Foundation - Publications and notes, 1983-1992**
Language of Material: English

Box 15, Folder 3 **General Motors Cancer Research Foundation - Correspondence, 1983-1987**
Language of Material: English

Box 15, Folder 4 **General Motors Cancer Research Foundation - Meetings and documents, 1983-1987**
Language of Material: English

Box 15, Folder 5 **General Motors Cancer Research Foundation - Publications and announcements, 1983-1987**
Language of Material: English

Box 15, Folder 6 **Delegation for Basic Biomedical Research (1), 1983-1985**
Language of Material: English

Box 16, Folder 1 **Delegation for Basic Biomedical Research (2), 1986-1989**
Language of Material: English

Box 16, Folder 2 **Delegation for Basic Biomedical Research - Publications, 1984-1987**
Language of Material: English

Box 16, Folder 3 **Delegation for Basic Biomedical Research - Photographs, Circa 1980s**
Language of Material: English

Box 16, Folder 4 **Los Alamos National Laboratory - Agendas and meetings, 1992**
Language of Material: English

Box 16, Folder 5 **Los Alamos National Laboratory - Correspondence, 1989-1993**
Language of Material: English

Box 16, Folder 6 **Los Alamos National Laboratory - Publications and reports - Dept. of Energy Bibliography, 1992**
Language of Material: English

Box 17, Folder 1 **Los Alamos National Laboratory - Environment, safety & Health information, 1990**
Language of Material: English

Box 17, Folder 2 **Los Alamos National Laboratory - Publications and reports, 1991-1992**
Language of Material: English

Box 17, Folder 3 **Los Alamos National Laboratory - Reprints by LANL Scientists, 1987-1992**
Language of Material: English

Box 17, Folder 4 **Transgenic Sciences, Inc., 1988**
Language of Material: English

Box 17, Folder 5 **Roche Molecular Systems, Inc. consulting, 1991-1993**
Language of Material: English

Box 17, Folder 6 **Texas A&M Institute for Bioscience and Technology, Scientific advisory board, 1991-1994**
Language of Material: English

Box 17, Folder 7 **NIH-DOE Human Genome Advisory Committee - 5 year plan, September 1993**
Language of Material: English

Box 17, Folder 8 **Shipley Institute of Medicine (Harvard) - reprints (2), 1985-1993**
Language of Material: English

Box 18, Folder 1 **Shipley Institute of Medicine (Harvard) - Reprints (2), 1985-1988**
Language of Material: English

Series V: Subject files, 1962-1998

Language of Material: English

Appraisal note

This series is organized into four subseries. Subseries 1: General is arranged alphabetically by title. Folder titles retain original naming convention. Subseries 2: Grants is organized by alphabetically. Applications which are not ACS, DOE, or NIH grants are located in the folder "general". Subseries 3: Nobel prize is organized alphabetically by topic or format. Subseries 4: Patents are organized chronologically.

Subseries 1: General, 1962-1995

Language of Material: English

Box 18, Folder 2 **Bob Deich Memorial Lecture, 1995**
Language of Material: English

Box 18, Folder 3 **Cairnes - Hall mutations, 1988-1991, undated**
Language of Material: English

Box 18, Folder 4 **Cetus Corporation PCR, circa 1990**
Language of Material: English

Box 18, Folder 5 **Computer Homology papers, 1983-1992**
Language of Material: English

Box 18, Folder 6 **Richard P. Cunningham, 1980-1987**
Language of Material: English

Box 18, Folder 7 **Exons and Domains, 1973-1993**
Language of Material: English

Box 18, Folder 8	**Haemophilus Influenzae reprints and articles, 1974-1989** **Language of Material:** English
Box 19, Folder 1	**Homologies, Dayhoff and others, articles and papers, 1972-1993** **Language of Material:** English
Box 19, Folder 2	**Sam Karlin articles, 1985-1989** **Language of Material:** English
Box 19, Folder 3	**David Lipman and Gen Bank, 1987, 1993** **Language of Material:** English
Box 19, Folder 4	**David McCarthy Haemophilus papers and CV, 1976-1987** **Language of Material:** English
Box 19, Folder 5	**Multi-sequence alignment, 1983-1988** **Language of Material:** English
Box 19, Folder 6	**Old pneumococcal transformation reprints, 1963-1972** **Language of Material:** English
Box 19, Folder 7	**Recombination reprints and articles, 1975-1984** **Language of Material:** English
Box 20, Folder 1	**Restriction enzyme reprints and articles, 1962-1978** **Language of Material:** English
Box 20, Folder 2	**F. H. Ruddle, 1977-1980** **Language of Material:** English
Box 20, Folder 3	**Sigma factors global shifting, 1983-1987** **Language of Material:** English
Box 20, Folder 4	**Structure reprints, 1980-1987** **Language of Material:** English
Box 20, Folder 5	**Topics in molecular biology, chromatin structure reference materials, 1971-1976** **Language of Material:** English
Box 20, Folder 6	**Transformation H. Influenzae and Bactillus Subtilis (1), 1961-1982** **Language of Material:** English
Box 20, Folder 7	**Transformation H. Influenzae and Bactillus Subtilis (2), 1983-1991** **Language of Material:** English
Box 21, Folder 1	**Transposable elements, 1975-1980** **Language of Material:** English

Subseries 2: Grants, 1970-1998

Language of Material: English

Box 21, Folder 2	**General, 1970-1990** **Language of Material:** English

Box 21, Folder 3	**American Cancer Society - Applications and renewal forms, 1980-1989** **Language of Material:** English
Box 21, Folder 4	**American Cancer Society - Applications and renewal forms, 1990-1996** **Language of Material:** English
Box 21, Folder 5	**American Cancer Society - Correspondence, 1970-1998, undated** **Language of Material:** English
Box 21, Folder 6	**American Cancer Society - Reports and meetings, 1978-1995** **Language of Material:** English
Box 22, Folder 1	**Department of Energy - Various applications, 1988-1992** **Language of Material:** English
Box 22, Folder 2	**Department of Energy - Automated multi-sequence alignment, 1990-1992** **Language of Material:** English
Box 22, Folder 3	**NIH - Various applications, 1973-1990** **Language of Material:** English
Box 22, Folder 4	**NIH - Mechanisms of prophage integration and recombination, circa 1970s** **Language of Material:** English
Box 22, Folder 5	**NIH - Restriction, modification, and recombination of DNA, 1979-1990** **Language of Material:** English
Box 22, Folder 6	**NIH - Mechanism of genetic transformation of H. Influenzae, circa 1984** **Language of Material:** English
Box 22, Folder 7	**NIH - Structural study of protein - DNA interactions, circa 1985-1987** **Language of Material:** English
Box 22, Folder 8	**NIH - Mapping the H. Influenazae Rd genome, 1988-1990** **Language of Material:** English
Box 22, Folder 9	**NIH - Mechanisms of H. Influenzae isoschizomers, 1990-1995** **Language of Material:** English
Box 22, Folder 10	**NIH - Study of the H. Influenzae transformation genes, 1990-1995** **Language of Material:** English
Box 22, Folder 11	**NIH - Transformation grant review and summary, 1991-1992** **Language of Material:** English
Box 23, Folder 1	**NIH - Regulations of a competence gene locus in H. Influenzae applications, 1991-1997** **Language of Material:** English
Box 23, Folder 2	**NIH - Regulations of a competence gene locus in H. Influenzae correspondence, 1991-1994** **Language of Material:** English

Box 23, Folder 3 **NIH - Regulations of a competence gene locus in H. Influenzae summary documents, 1992-1994**
Language of Material: English

Box 23, Folder 4 **NIH - Analysis of protein motifs and substitution matrices, 1993-1997**
Language of Material: English

Subseries 3: Nobel Prize, 1978-1997
Language of Material: English

Box 23, Folder 5 **Correspondence - general, 1978**
Language of Material: English

Box 23, Folder 6 **Correspondence - Nobel Committee, 1978-1979**
Language of Material: English

Box 23, Folder 7 **Correspondence - Lindau meetings, 1985-1997**
Language of Material: English

Box 23, Folder 8 **Correspondence - Travel, 1978**
Language of Material: English

Box 23, Folder 9 **Jubilee, 1991**
Language of Material: English

Box 23, Folder 10 **Speeches - Arber and Penzias, 1978**
Language of Material: English

Box 23, Folder 11 **Speeches - Nathans with biography, 1978**
Language of Material: English

Box 23, Folder 12 **Speeches - Smith "Nucleotide sequence specificity of restriction endonucleases" includes drafts with biography, 1978**
Language of Material: English

Box 23, Folder 13 **Smith factsheet, requests for information, 1978-1980s**
Language of Material: English

Subseries 4: Patents, 1992-1997
Language of Material: English

Box 24, Folder 1 **Pennie and Edmonds consulting on nucleic acid sequences, 1992**
Language of Material: English

Box 24, Folder 2 **RCR Roche-Promega court case, consultant files (1), 1997**
Language of Material: English

Box 24, Folder 3 **RCR Roche-Promega court case, consultant files (2), 1997**
Language of Material: English

Box 24, Folder 4 **RCR Roche-Promega court case, consultant files (3), 1997**
Language of Material: English

Series VI: Johns Hopkins University files, 1964-1997

Language of Material: English

Arrangement note

This series is organized into three subseries. Subseries 1: General is organized alphabetically by topic. Subseries 2: Students is organized by last name. Individuals without substantial documentation are located in the "various individual" folders, organized alphabetically by last name as well. Subseries 3: Teaching files are organized chronologically.

Subseries 1: General 1973-1996

Language of Material: English

Box 25, Folder 1 **Appointments, 1973-1996**
Language of Material: English

Box 25, Folder 2 **Biophysics search committee, 1988**
Language of Material: English

Box 25, Folder 3 **Budget accounts, 1992-1994**
Language of Material: English

Box 25, Folder 4 **Fellowship for minorities fellowship, 1989**
Language of Material: English

Box 25, Folder 5 **Equipment, computer, 1990-1994**
Language of Material: English

Box 25, Folder 6 **Equipment, laboratory, 1982-1993**
Language of Material: English

Box 25, Folder 7 **Events - general, 1985-1990**
Language of Material: English

Box 25, Folder 8 **Events - M.D. and PhD. symposium, 1985-1987**
Language of Material: English

Box 25, Folder 9 **Expenditures - general, 1991**
Language of Material: English

Box 26, Folder 1 **Expenditures - laboratory (1), 1992**
Language of Material: English

Box 26, Folder 2 **Expenditures - laboratory (2), 1993**
Language of Material: English

Box 26, Folder 3 **Graduate programs, circa 1980s**
Language of Material: English

Box 26, Folder 4 **Laboratory of Molecular Structure and Function (Center for macro molecular structure), 1985-1987, undated**
Language of Material: English

Box 26, Folder 5 **Laboratory requirements for working with recombinant DNA techniques, 1976**
Language of Material: English

Box 27, Folder 1 **Medical student training program, 1985, undated**
Language of Material: English

Box 27, Folder 2 **Postdoctoral research training program in human genetics, 1985**
Language of Material: English

Box 27, Folder 3 **Publications by Smith's laboratory, list, 1983-1989**
Language of Material: English

Subseries 2: Students, 1964-1997
Language of Material: English

Box 27, Folder 4 **Announcement, employment, 1977**
Language of Material: English

Box 27, Folder 5 **Various individuals (1), 1983-1994**
Language of Material: English

Box 27, Folder 6 **Various individuals (2), 1986-1995**
Language of Material: English

Box 27, Folder 7 **Francis Barnay (includes patent discussion), circa 1984**
Language of Material: English

Box 27, Folder 8 **Gerard Barcak, circa 1988-1989**
Language of Material: English

Box 28, Folder 1 **William Bashai - general, 1991-1994**
Language of Material: English

Box 28, Folder 2 **William Bashai - correspondence, 1993-1995**
Language of Material: English

Box 28, Folder 3 **William Bashai - Howard Hughes Medical Institute, 1992-1996**
Language of Material: English

Box 28, Folder 4 **William Bashai - papers and publications, 1987, 1996**
Language of Material: English

Box 28, Folder 5 **Mark Chandler, 1987-1994**
Language of Material: English

Box 28, Folder 6 **Jeffery . Chernak, 1988-1997**
Language of Material: English

Box 28, Folder 7 **David Bigelow Danner, 1980-1994**
Language of Material: English

Box 28, Folder 8 **Brian Dougherty, 1992-1995**
Language of Material: English

Box 28, Folder 9 **Michelle Gwinn, 1991-1997**
Language of Material: English

Box 29, Folder 1 **Detlev Kruger, 1980-1988**
Language of Material: English

Box 29, Folder 2 **Marilyn Pifer "the Pifer chronicles" life in Russia, 1986-1987**
Language of Material: English

Box 29, Folder 3 **Rosemary Redfield, 1985-1992**
Language of Material: English

Box 29, Folder 4 **R. Nagaraja Rao, 1964-1977**
Language of Material: English

Box 29, Folder 5 **Steven Salsburg, 1993-1997**
Language of Material: English

Box 29, Folder 6 **John Scocca, 1981-1986**
Language of Material: English

Box 29, Folder 7 **Chandrasegaran Srinivasan, 1983-1996**
Language of Material: English

Box 30, Folder 1 **Jean-Francois Tomb, 1981-1994**
Language of Material: English

Box 30, Folder 2 **Bok Grace Woo, 1992-1994**
Language of Material: English

Subseries 3: Teaching files, 1967-1989

Language of Material: English

Box 30, Folder 3 **Lectures - general, 1970-1982, undated**
Language of Material: English

Box 30, Folder 4 **Lectures and laboratory experiments, 1967-1969**
Language of Material: English

Box 30, Folder 5 **Student termination triplet experiments, 1968**
Language of Material: English

Box 30, Folder 6 **Nucleic acid sequence lecture 2 1979, 1976-1979**
Language of Material: English

Box 30, Folder 7 **Cloning and gene banks lecture 3 1979, 1973-1980**
Language of Material: English

Box 30, Folder 8 **Cloning and other applications of restriction enzyme lecture 4 1979, 1975-1980**
Language of Material: English

Box 30, Folder 9 **Intro to microbiology, Smith and others (1), 1979-1980**
Language of Material: English

Box 30, Folder 10 **Intro to microbiology, Smith and others (2), 1979-1980**
Language of Material: English

Box 31, Folder 1 **Structure / Function seminar, 1981-1983**
Language of Material: English

Box 31, Folder 2 **Structural biophysics course, 1976-1983**
Language of Material: English

Box 31, Folder 3 **Structural / Functional seminar, 1984**
Language of Material: English

Box 31, Folder 4 **Classic experiments in molecular biology Fall 1986, 1943-1986**
Language of Material: English

Box 31, Folder 5 **Principles of microbiology, 1988-1989**
Language of Material: English

Series VII: TIGR/JCVI 1980-2010

Language of Material: English

Arrangement note

This series is organized into four subseries. Subseries 1: General is organized alphabetically by topic. Folders when possible retain original titles. Subseries 2: DNA Libraries retains the original order imposed by Smith. Subseries 3: Grants is organized alphabetically by grant title. Subseries 4: Sequencing projects are organized alphabetically by project title.

Subseries 1: General, 1980-1997

Language of Material: English

Box 31, Folder 6 **Bacterial genome sequencing meeting, April 11-12, 1995**
Language of Material: English

Box 32, Folder 1 **Bacterial genome statistics research Fall 1996, 1988-1996**
Language of Material: English

Box 32, Folder 2 **BAC-end strategy, 1995**
Language of Material: English

Box 32, Folder 3 **E. Coli genome / Blattner group - documents and correspondence, 1994-1995**
Language of Material: English

Scope and Contents note

See also Box 2 Folder 7 for correspondence with Francis Collins.

Box 32, Folder 4 **E. Coli / Blattner group - publications, 1995**
Language of Material: English

Box 32, Folder 5 **E. Coli / Blattner group - grant, 1994**
Language of Material: English

Box 32, Folder 6 **Extract Uss's and ribosome binding sites, May 1995**
Language of Material: English

Box 32, Folder 7 **Genome workshop planning agenda, circa 1997**
Language of Material: English

Box 32, Folder 8 **H. Influenzae patent application, September 1995, December 1997**
Language of Material: English

Box 32, Folder 9 **Human Genome DOE meeting, September 11-12, 1995**
Language of Material: English

Box 32, Folder 10 **Hunkapilliar software for genetic sequencing article, 1989**
Language of Material: English

Box 33, Folder 1 **Protein databases queries, circa 1993**
Language of Material: English

Box 33, Folder 2 **Newspaper articles, 1995**
Language of Material: English

Box 33, Folder 3 **Sequence specific uptake and Uss, 1980-1994**
Language of Material: English

Box 33, Folder 4 **Venter - partial bibliography, 1997**
Language of Material: English

Subseries 2: DNA Libraries, 1997-1998
Language of Material: English

Box 33, Folder 5 **T. brucei, 1997-1998**
Language of Material: English

Box 33, Folder 6 **P. falciparum, 1997**
Language of Material: English

Box 33, Folder 7 **C. crescentus, 1997-1998**
Language of Material: English

Box 33, Folder 8 **Entcrococcus faecalis, 1997-1998**
Language of Material: English

Box 33, Folder 9 **Neisseria meningitidus, 1997-1998**
Language of Material: English

Box 33, Folder 10 **Thiobacillus ferrooxidans, 1997-1998**
Language of Material: English

Box 33, Folder 11 **P. yoellii, 1997-1998**
Language of Material: English

Box 33, Folder 12 **Life Technologies packing slips and documents, 1998**
Language of Material: English

Box 33, Folder 13 **Stratagene Company materials, 1998**
Language of Material: English

Box 33, Folder 14 **Lab materials packing slips - various companies, 1998**
Language of Material: English

Box 33, Folder 15 **Biolabs, Inc. materials, 1998**
Language of Material: English

Box 33, Folder 16 **GIBCO BRL custom primers certificate of analysis, 1998**
Language of Material: English

Box 33, Folder 17 **TIGR sequencing information, 1998**
Language of Material: English

Subseries 3: Grants, 1994-1997
Language of Material: English

Box 33, Folder 18 **General, correspondence - various proposals, 1997**
Language of Material: English

Box 33, Folder 19 **Application - Complete genetic sequencing of mycobacterium tuberculosis HHS PHS, September 1995,**
Language of Material: English

Box 34, Folder 1 **Application - H. Influenzae Whole genome shotgun sequencing, 1994**
Language of Material: English

Box 34, Folder 2 **Application - High-throughput DNA sequencing and characterization of diverse microbial genomes, 1994**
Language of Material: English

Box 34, Folder 3 **Application - Sequencing of human chromosome 16p HHSPHS, 1995**
Language of Material: English

Box 34, Folder 4 **Application - Vibrio cholarae genome project, 1995**
Language of Material: English

Box 34, Folder 5 **Application - Whole genome sequencing of Deinococcus radiodwans, 1995**
Language of Material: English

Subseries 4: Sequencing projects, 1993-2010
Language of Material: English

Box 34, Folder 6 **Arabidopsis sequencing and advisory committee, 1996-1997**
Language of Material: English

Box 34, Folder 7 **Bacterial genome projects, 1995-1997**
Language of Material: English

Box 34, Folder 8 **H. Influenzae Rd whole genome shotgun sequencing of the 2.0MB genome, 1995**
Language of Material: English

Box 34, Folder 9 **H. Influenzae Rd correspondence - general, 1995**
Language of Material: English

Box 34, Folder 10 **H. Influenzae Rd correspondence - J. Craig Venter, 1995**
Language of Material: English

Box 34, Folder 11 **Helicobacter pylori - general, 1997**
Language of Material: English

Box 34, Folder 12 **Helicobacter pylori - reprints, 1993-1996**
Language of Material: English

Box 34, Folder 13 **Malaria genome project, 1996-1997**
Language of Material: English

Box 34, Folder 14 **Mycrobacterium tuberculosis - documents and correspondence, 1994**
Language of Material: English

Box 35, Folder 1 **Mycrobacterium tuberculosis - reprints and background research, 1989-1994**
Language of Material: English

Box 35, Folder 2 **Mycoplasma capicolum, 1994**
Language of Material: English

Box 35, Folder 3 **Mycoplasma genitalium, 1995**
Language of Material: English

Box 35, Folder 4 **Mycoplasma mycoides JCVI-syn 1.0 genome - correspondence and article, 2008-2010**
Language of Material: English

Series VIII: Papers and other works, 1967-1997

Language of Material: English

Arrangement note

This series is organized into three subseries. Subseries 1: Abstracts and Reviews is organized alphabetically. Subseries 2: Articles are organized chronologically. Subseries 3: Reprints are organized chronologically.

Subseries 1: Abstracts and reviews, 1971-1995

Language of Material: English

Box 35, Folder 5 **Abstracts, 1971-1995**
Language of Material: English

Box 35, Folder 6 **Reviews, circa 1980**
Language of Material: English

Subseries 2: Articles, 1967-1997

Language of Material: English

Box 35, Folder 7 **Production of defective particles by induction of lysogens of integration deficient phage P22 mutants, 1967**
Language of Material: English

Box 35, Folder 8 **Integration of Phage P22 at secondary sites in salmonella typhimurium, 1968**
Language of Material: English

Box 35, Folder 9 **A proposal for the molecular mechanism of DNA synapsis and recombination, 1968**
Language of Material: English

Box 35, Folder 10 **A restriction endonuclease from Hemophilus influenza part 1 and 2 - correspondence, 1969-1970**
Language of Material: English

Box 35, Folder 11 **A restriction endonuclease from Hemophilus influenza, Part 1: early drafts of Specific for foreign DNA (early title), 1969**
Language of Material: English

Box 36, Folder 1 **A restriction endonuclease from Hemophilus influenza Part 1 Purification and general properties drafts, 1970**
Language of Material: English

Box 36, Folder 2 **A restriction endonuclease from Hemophilus influenza Part 1 illustrations, 1969-1970**
Language of Material: English

Box 36, Folder 3 **A restriction endonuclease from Hemophilus influenza Part 2 Base sequence of the recognitition site uncorrected copy, 1970**
Language of Material: English

Box 36, Folder 4 **Methylated bases in Hemophilus influenzae Rd deoxyribonucleic acid, 1972**
Language of Material: English

Box 36, Folder 5 **Enzymatic methods for sequence analysis applied to DNA restriction and methylation sites, 1972**
Language of Material: English

Box 36, Folder 6 **The stabilizing effects of pyridinediccarboxylic acids on bacterial alkaline phosphatase, 1972**
Language of Material: English

Box 36, Folder 7 **Production of possible recombination intermediates by a ATP-dependent DNase, circa 1972**
Language of Material: English

Box 36, Folder 8 **A suggested nomenclature for host modification and restriction systems and their enzymes, 1973**
Language of Material: English

Box 26, Folder 9 **Isolation and characterization of mutants of Hemophilus influenzae deficient in an ATP-dependent DNase activity, 1973**
Language of Material: English

Box 36, Folder 10	**DNA methylases of Hemophilus influenzae Rd part I and II - drafts and correspondence, 1973** **Language of Material:** English
Box 36, Folder 11	**DNA methylases of Hemophilus influenzae Rd - final draft, 1973** **Language of Material:** English
Box 36, Folder 12	**Restriction endonuclease from Hemophilus influenzae Rd, circa 1973** **Language of Material:** English
Box 37, Folder 1	**Restriction endonucleases in the analysis and restructuring of DNA molecules, 1974** **Language of Material:** English
Box 37, Folder 2	**Methylation of ribosomal proteins in escherichia coli, 1976** **Language of Material:** English
Box 37, Folder 3	**Mechanisms of DNA degradation, 1976** **Language of Material:** English
Box 37, Folder 4	**Restriction endonucleases as enzymatic tools for DNA analysis and genetic manipulation, 1976** **Language of Material:** English
Box 37, Folder 5	**Specificity of HRAII and HPAIII DNA methylases, 1977** **Language of Material:** English
Box 37, Folder 6	**Specificity of DNA methylases for Haemophilus sp., 1977** **Language of Material:** English
Box 37, Folder 7	**Cloning of restriction and modification genes, 1977** **Language of Material:** English
Box 37, Folder 8	**Purification and properties of HindII and HindIII endonucleases from Haeomophilus influenzae Rd, 1978** **Language of Material:** English
Box 37, Folder 9	**Sequence specific DNA update in Haemophilus transformation, 1978** **Language of Material:** English
Box 37, Folder 10	**Sequence organization of a cloned tRNA met fragment from xenopus laevis, July 1978** **Language of Material:** English
Box 37, Folder 11	**Nucleotide sequence specificity of restriction endonucleases, 1979** **Language of Material:** English
Box 37, Folder 12	**Transformation of bacterial with DNA, circa 1980** **Language of Material:** English
Box 37, Folder 13	**A reexamination of Phenotypic defects in the rec-1 and rec-2 mutants of Haemophilus influenzae Rd, 1985** **Language of Material:** English

Box 37, Folder 14	**Transformation genes of Haemophilus influenzae Rd: transposons, mutagenesis, characterization and cloning, 1987** **Language of Material:** English
Box 37, Folder 15	**Preliminary x-ray diffraction analysis of HhaII endonuclease-DNA co-crystals, circa 1987** **Language of Material:** English
Box 37, Folder 16	**Structural analyses of U7 small nuclear ribonucleo-protein particle (snRNP) using base specific chemical probe, circa 1991** **Language of Material:** English
Box 37, Folder 17	**Isolation of a membrane receptor protein involved in Haemophilus transformation, 1991** **Language of Material:** English
Box 37, Folder 18	**Characterization and virulence analysis of catalase mutants of Haemophilus influenzae, 1994** **Language of Material:** English
Box 37, Folder 19	**A peroxide/ascorbate-inducible catalase from Haemophilus influenzae is homologous to e. coli KatE gene product, 1994** **Language of Material:** English
Box 38, Folder 1	**Frequency and distribution of DNA uptake sequence sites in the Haemophilus influenzae Rd genome, 1995** **Language of Material:** English
Box 38, Folder 2	**Frequency and distribution of DNA uptake signal sequences in the Haemophilus influenzae Rd genome, 1995** **Language of Material:** English
Box 38, Folder 3	**The minimal gene complement of mycoplasma genitalium, 1995** **Language of Material:** English
Box 38, Folder 4	**TIGR sequence and map strategy for the human genome white paper, circa Fall 1995** **Language of Material:** English
Box 38, Folder 5	**A cooperative proposal to sequence the human genome ising a sequence-based maps, 1995** **Language of Material:** English
Box 38, Folder 6	**Searching for evolutionary motifs, 1995** **Language of Material:** English
Box 38, Folder 7	**Complete genome sequence of the methanogenic archaeon Mathanococcus jannaschii: insights into the origins of cellular life, 1995** **Language of Material:** English
Box 38, Folder 8	**The complete genome sequence of the gastric pathogen Helicobacter pylori, 1997** **Language of Material:** English

Subseries 3: Reprints, 1968-1995

Language of Material: English

Box 38, Folder 9 **1960s, 1968**

Language of Material: English

Box 38, Folder 10 **1970s, 1970-1979**

Language of Material: English

Box 38, Folder 11 **1980s, 1980-1989**

Language of Material: English

Box 38, Folder 12 **1990s, 1991-1995**

Language of Material: English

Series IX: Photographs, 1964-1995

Language of Material: English

Arrangement note

This series is organized alphabetically.

Box 39, Folder 1 **Electron microscope 3x and 5x enlargements of 80,000x neg, unidentified images, undated**

Language of Material: English

Box 39, Folder 2 **Electron microscope 4.28x enlargements of 80,000x neg unidentified images, undated**

Language of Material: English

Box 39, Folder 3 **Figures and data, slides, 1964-1967**

Language of Material: English

Box 39, Folder 4 **Nobel prize award and Smith/Nathan images, 1978**

Language of Material: English

Box 39, Folder 5 **Smith portraits and prints, 1978-1980s**

Language of Material: English

Box 39, Folder 6 **Smith and Venter, 1995**

Language of Material: English

Series X: Writings by others,

Language of Material: English

Arrangement note

This series is organized by first author's last name. Majority of folders include numerous authors and is organized alphabetically. Folders which include only one individual's works are organized by date.

Box 39, Folder 7 **Abraham - Alpern, 1979-1993**

Language of Material: English

Box 39, Folder 8 **Arber, Wener (includes correspondence), 1962-1973**

Language of Material: English

Box 39, Folder 9	**Baroudy - Bukhari, 1962-1977** **Language of Material:** English
Box 39, Folder 10	**Barany, Francis, 1979-1996** **Language of Material:** English
Box 39, Folder 11	**Barcak, Gerard, circa 1989** **Language of Material:** English
Box 39, Folder 12	**Birnstiel, Max L., 1979-1980** **Language of Material:** English
Box 39, Folder 13	**Campbell - Colman, 1979-1991** **Language of Material:** English
Box 39, Folder 14	**Chirikjan, J.G., 1980** **Language of Material:** English
Box 39, Folder 15	**Danner, David B., 1982** **Language of Material:** English
Box 40, Folder 1	**Gayda - Gick, 1978-1987** **Language of Material:** English
Box 40, Folder 2	**Haberman - Horiuchi, 1972-1995** **Language of Material:** English
Box 40, Folder 3	**Ikawa, Shukuko, 1979-1980** **Language of Material:** English
Box 40, Folder 4	**Jay - Jolly, 1976, 1980** **Language of Material:** English
Box 40, Folder 5	**Kantor - Kroll, 1976-1995** **Language of Material:** English
Box 40, Folder 6	**Lago - Luria, 1952-1984** **Language of Material:** English
Box 40, Folder 7	**Main - Murray, 1979-1985** **Language of Material:** English
Box 40, Folder 8	**Nargang - Noyes, 1979-1980** **Language of Material:** English
Box 40, Folder 9	**O'Donovan - Ohlsson, 1978, 1993** **Language of Material:** English
Box 40, Folder 10	**Pifer - Polisky, 1975, 1986** **Language of Material:** English
Box 40, Folder 11	**Posfai, Janos, 1989-1994** **Language of Material:** English

Box 40, Folder 12	**Reed - Rosenberg, 1978-1995** **Language of Material:** English
Box 40, Folder 13	**Rao, R. Nagaraja, 1968, 1978** **Language of Material:** English
Box 40, Folder 14	**Sack, Jr. - Szybalski, 1978-1993** **Language of Material:** English
Box 40, Folder 15	**Tabiti, Karim PhD thesis, 1992** **Language of Material:** English
Box 40, Folder 16	**Uhlin, Eric, 1978-1979** **Language of Material:** English
Box 40, Folder 17	**Willetts - Wu, 1976-1980** **Language of Material:** English
Box 40, Folder 18	**Waugh, David, 1992-1993** **Language of Material:** English
Box 40, Folder 19	**Yaun - Yoo, 1975, 1980** **Language of Material:** English